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| Michael T. Davis  Algebra II – Delta & Eta | | Finding the Zeros of Quadratic Functions from Vertex Form  May 18, 2015 | |
| Name: | |

**Describe the translation of each parabola from the graph of f(x) = x2.**

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**Write the vertex of each parabola.**

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**Solve each equation. You’re finding x-intercepts. Remember to use ±** **to get all solutions.**

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**To find the Zeros of a Quadratic Function in Vertex Form:**

1. Set the equation equal to zero.
2. Add or subtract “*k*” to the other side.
3. Divide by *a*.
4. Find the square root of both sides.
5. Solve the rest of the equation.

**Find the zeros of each parabola:**

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